

FFT SILVICULTURE PROGRAM

LIST OF APPROVED SILVICULTURE PROJECTS IN 2021-22

ROUND 53, 54 AND COVID-19 INCREMENTAL SILVICULTURE COST PROGRAM 2021

Project Number: 1117-2-R53- 2021 Tornado Renewal	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Forest Park
<i>Approved Funding:</i>	\$94,411.50
<i>Description:</i>	Mechanical site preparation and/or planting of white, red, and jack pine along with smaller quantities of other species across an area that was affected by an EF-2 rated tornado near Lake Traverse in Algonquin Park on July 15, 2021. The affected areas are typically site class 1 or 2 and have previously yielded high quality pine. Salvaged areas will either be site prepared and planted, or direct planted without site preparation, or infill planted in areas with significant amounts of acceptable regeneration.
Project Number: 1118-3-R53- Control of Beech Regeneration	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French-Severn Forest
<i>Approved Funding:</i>	\$ 364,492.80
<i>Description:</i>	This project will result in the reduction and control of beech regeneration in the understory of tolerant hardwood stands. The project is undertaken due to the proliferation of beech bark disease in this part of the province which will prevent this regeneration from becoming healthy mature trees. The project will promote the establishment and/or release of other tree species such as sugar maple to be recruited into the canopy. Stem specific methods of control - primarily basal bark - will be used.
Project Number: 1119-3-R53- Controlling Beech in Degraded HDUS	
<i>Applicant:</i>	Nipissing Forest Resource Management
<i>Forest:</i>	Nipissing Forest
<i>Approved Funding:</i>	\$66,743.22
<i>Description:</i>	An extreme level of polewood-sized beech mid-story growing off-site needs control in a degraded hardwood shelterwood stand that is allocated for harvest in 2022-2023. Evidence of historical red oak presence exists. The threat of beech bark disease proliferating onsite is of concern to the re-establishment of Or, By, Mh, and Pw. Targeted ground manual herbicide control by a local experienced indigenous contractor is the preferred site preparation treatment method to control beech stump sprouts and root suckers. The 73 ha area will be monitored post-treatment for natural establishment of preferred regeneration.
Project Number: 1120-1-R53 -Residual Reduction in Second Rotation Harvest for Aspen Regeneration	
<i>Applicant:</i>	Hearst Forest Management Inc.
<i>Forest:</i>	Hearst Forest
<i>Approved Funding:</i>	\$22,910
<i>Description:</i>	Stand Improvement in Hardwoods: Operational project to remove understorey/& non-merchantable trees from an upland second-rotation harvest area to roadside to achieve >70% light levels needed for successful aspen regeneration and determine the techniques and cost required. Treatment will be undertaken following harvest of merchantable trees. Using the machinery onsite, unmerchantable second growth Bf understory and unmerchantable balsam poplar and birch will be cut, skidded, and piled at road side. The roadside biomass which cannot be marketed, and delimiting

	slash, will be burned. At present, there is no market for the birch, balsam poplar, non-veneer aspen and the biomass in the unmerchantable species and undersized balsam fir.
Project Number: 1121-2-R53 -2022 Fire Renewal	
<i>Applicant:</i>	Boundary Waters Forest Management Corp.
<i>Forest:</i>	Boundary Waters Forest
<i>Approved Funding:</i>	\$123,961
<i>Description:</i>	Forest fires in 2021 burnt two previously renewed areas on the Boundary Waters Forest. The project objective is to renew, by planting, these areas with a mix of jack pine and black spruce one-year over-winter container.
Project Number: 1122-2-R53 -Post-fire White and Red Pine Renewal	
<i>Applicant:</i>	Resolute FP Canada Inc.
<i>Forest:</i>	Dog River Matawin
<i>Approved Funding:</i>	\$39,550
<i>Description:</i>	Fire in 2021 burnt tree young naturally regenerating hardwood areas. The site, prior to the fire had a component of residual mature and advanced regenerating white pine. The purpose of this project is to renew these fire areas by planting white and red pine with a mix of black and white spruce.
Project Number: 1123-1-R53 -Bark Mulch Site Preparation Project	
<i>Applicant:</i>	Resolute FP Canada Inc.
<i>Forest:</i>	English River Forest
<i>Approved Funding:</i>	\$47,460
<i>Description:</i>	Renewing the forest is a dynamic challenge that requires innovation to ensure continued success. The project proposes application of bark mulch as an intensive site preparation treatment. The objective of the project is to address long-term wood supply through renewal of former roads to a conifer stand conditions. Renewal would be done with site preparation, by bark mulch application, and planting.
Project Number: 1124-2-R53 Black Spruce Forest Blowdown Renewal	
<i>Applicant:</i>	Resolute FP Canada Inc.
<i>Forest:</i>	Black Spruce
<i>Approved Funding:</i>	pending completion of salvage
<i>Description:</i>	A blowdown event July 11, 2021 damaged almost 600 ha of approved harvest area on the Black Spruce Forest. The purpose of this project is to manage the unsalvageable wind-throw material remaining after salvage through cutting and piling. Slash piles able to be burnt will be burnt, and remaining unsalvageable downed woody debris left in the blocks will be windrowed. Where needed, further mineral exposure using an M42 Bracke will be done followed by a planting mix of black spruce, white spruce, and jack pine.
Project Number:1126-1-R54 -Algonquin even aged stand improvement	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest MU 451
<i>Approved Funding:</i>	\$477,990
<i>Description:</i>	Felling of marginal and unmerchantable stems in order to establish and promote the growth of good quality pine and other crop trees on sites most suitable for their management. Work will focus on the removal of diseased and poor quality mid story stems.

Project Number: 1127-3-R54- Hemlock Group Opening Regeneration	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest MU 451
<i>Approved Funding:</i>	\$54,240
<i>Description:</i>	This project will use mechanical site preparation to create optimal seeding conditions in group openings for eastern hemlock regeneration to better prepare for the advancement of Hemlock Woolly Adelgid (HWA) by ensuring the perpetuation of multi aged, vigorous eastern hemlock forest strands and groves within on hemlock dominated stands. As well, the project will promote a secure, higher value timber supply and improve the biodiversity and health of the forest.
Project Number: 1128-1-R54- Algonquin Uneven Aged	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest MU 451
<i>Approved Funding:</i>	\$739,585
<i>Description:</i>	Felling of marginal and unmerchantable stems in order to establish and promote the growth of good quality midtolerant and tolerant hardwood crop trees on sites most suitable for their management. Work will focus on the removal of diseased and poor quality stems.
Project Number: 1129-1-R54 -Stand Improvement in Shelterwood Management	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley #542529
<i>Approved Funding:</i>	\$ 147,973.50
<i>Description:</i>	Request for funding assistance from the Forestry Futures Trust to facilitate harvest or felling and lopping of unmerchantable and/or currently unmarketable hardwoods and conifers to allow for the successful regeneration of white and red pine and red oak.
Project Number: 1130-2-R54 -OVF Wildfire Area Tending	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley #542529
<i>Approved Funding:</i>	\$ 30,080.78
<i>Description:</i>	A one-year project to perform aerial tending on a large area of planted red pine that was burned in the PEM-06 wildfire. This area was part of a previous project from Round 47, which was never fully completed, due to certain constraints. Tending by aerial application is being requested for this area to ensure the growth of planted trees from a previous Forestry Futures project. 173.7 hectares of the burned area was planted in 2019 with red pine. Due to AOC restrictions, we will perform aerial tending on 128 hectares of planted area.
Project Number: 1131-2-R54 -Red Pine Plantation Thinning	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing #54205
<i>Approved Funding:</i>	\$ 51,528.00
<i>Description:</i>	Red pine dominated plantations will be thinned intensively by manual methods over a two-year period consistent with the red pine stand density management diagram to optimize small sawlog and posts in the short-term and large sawlog and utility poles in the long-term. Three local established First Nations contractors have expressed interest in being trained for all aspects of the project.

Project Number: 1132-2-R54 -Tending -natural regeneration following wildfire NOR062	
Applicant:	Nipissing Forest Resource Management Inc.
Forest:	Nipissing #54205
Approved Funding:	\$ 111,997.25
Description:	NOR062 was a large wildfire that burned 2500 ha in the Nipissing Forest July-Aug 2018. This project will focus on tending (where necessary) natural regeneration (Pj, PW, SB) that established after the fire.
Project Number: 1133-1-R54- Stand improvement in future red oak stands	
Applicant:	Nipissing Forest Resource Management Inc.
Forest:	Nipissing #54205
Approved Funding:	\$ 123,266.05
Description:	Future red oak stands require stand improvement to achieve renewal standards for an oak dominated HDUS Forest Unit. In some cases, this involves removal of the maple mid-story in degraded red oak shelterwood stands to increase light levels to the established regeneration on the forest floor, and in other cases, it involves crop tree release to increase red oak species composition in established sapling regeneration
Project Number: 1134-2-R54- 2022 Timiskaming Fires Regeneration Project	
Applicant:	Timiskaming Forest Alliance/First Resource Management Group Inc.
Forest:	Timiskaming #542247
Approved Funding:	\$ 149,627.97
Description:	The objective of this proposal is to successfully regenerate, with a combination of aerial seeding of jack pine and treeplanting of jack pine and black spruce, a total of 511.6 ha of area that was naturally depleted as a result of the North Bay 72 Fire which occurred in 2018, and the Timmins 13 fire which occurred in 2010. These areas will be artificially regenerated to ensure adequate future stocking, secure future wood supply and assist in achieving objectives in the Timiskaming Forest Management Plan.
Project Number: 1135-2-R54 -Mac/Bunny lake salvage area renewal project	
Applicant:	Miisun Integrated Resource Management
Forest:	Whiskey Jack MU 490
Approved Funding:	\$ 178,032.66
Description:	Our project consists of artificially regenerating two areas that were affected by the same jack pine budworm and snow damage events. The treatments we plan to run are mechanical site preparation, followed by planting of jack pine, black spruce, and red pine. This project is being submitted under Category 2: Stand Rehabilitation after Natural Disturbance
Project Number: 1136-2-R54 -Nip-13 Salvage Tree Plant	
Applicant:	Ne-Daa-kii-Me-Naan Inc.
Forest:	Kenogami Forest #350
Approved Funding:	\$ 52,522.40
Description:	In 2016 a wildfire took place North of Geraldton. The area in question (NIP-13) was deemed to be a salvage area, and was harvested in the spring of 2019. Subsequently the harvested area (91 hectares) needs to be regenerated via a tree plant. The majority of the area is upland, sandy soil with the majority target species for regeneration being jack pine.

Project Number: 1137-2-R54 -Seeding Burnt Plantations	
<i>Applicant:</i>	Obishikokaang Resources Corp./ Ondaadiziwin Forest Management Inc.
<i>Forest:</i>	Lac Seul #553776
<i>Approved Funding:</i>	\$ 57,372.89
<i>Description:</i>	The project aims to collect and aerially distribute seed in Lac Seul Forest plantations that were established between 1994 and 2019 in the Wapesi (a.k.a. Marene) and Lindsay Operating Areas (OA) that were destroyed by wildfires in 2021 (specifically, Fire Number SLK003 and SLK017, respectively).
Project Number: 1138-2-R54- Post- salvage renewal	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake Forest.
<i>Approved Funding:</i>	\$ 54,098.43
<i>Description:</i>	The Red Lake Forest area has been impacted by several types of natural disturbance during the past 10 years. namely; snowdown, jackpine budworm infestation and most recently wildfire. The damaged area was harvested as salvage on highly productive conifer dominated stands close to the lake and Chukuni river on lacustrine soil deposits. This project proposes to renewal treatments to establish a healthy and productive forest of approximately 125 hectares. The defined area will be site prepared and artificially regenerated (black spruce, white spruce, and red pine).
Project Number: 1139-2-R54- Lake Nipigon Wildfire Seeding Program	
<i>Applicant:</i>	Lake Nipigon Forest Management Inc.
<i>Forest:</i>	Lake Nipigon Forest
<i>Approved Funding:</i>	\$ 53,392.50
<i>Description:</i>	In June 2021, a total of 1,543.5 ha was burned due to wildfires in the Camp 81 and Gravel River area (NIP007 and NIP008). Subsequently, regeneration in the naturally disturbed areas will likely not achieve the renewal parameters documented in table FMP-4: Silviculture Ground Rules (SGR), which will negatively impact plan objectives analyzed in Table FMP-10: Assessment of Objective Achievement. Supplemental aerial seeding of Jack Pine and Black Spruce will enhance the sites' ability to meet objectives and SGRs identified in the Forest Management Plan (FMP). Due to the fire intensity, rocky terrain, and shallow soils in the area, these fires have left exposed mineral soil that could act as a seed bed without the need of mechanical site preparation. Approximately 945 ha of the burned stands will receive aerial seeding as poor access has contributed to netting down the total area being treated.
Project Number: 1140-1-R54 -Thinning of Unmarketable Red Pine Plantations	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing #54205
<i>Approved Funding:</i>	108,480
<i>Description:</i>	Red pine dominated plantations currently not economically viable will be mechanically thinned over a three-year period consistent with the red pine stand density management diagram to optimize small sawlog and posts in the short-term and large sawlog and utility poles in the long-term.